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PATENT

Attorney Docket No.: 80408.0012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Moskowitz et al.

Appl. No.: 09/657,181

Filed: September 7, 2000

For: METHOD AND DEVICE FOR
MONITORING AND
ANALYZING SIGNALS

Art Unit: 2131

Examiner: Unassigned

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Technology Center 2100

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants submit copies of the references listed on the attached PTO 1449 Form for consideration and request that the U.S. Patent and Trademark Office make them of record in this application.

Applicants state the following:

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement; or

☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of Applicant(s) no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

☒ In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action and/or within three months of the filing date of the application. It is respectfully submitted that no fee is required for consideration of this information. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-1129.

☐ This Information Disclosure Statement is being submitted after the mailing of a non-final Office Action, but is believed to be prior to a final Office Action or a Notice of Allowance. Pursuant to 37 C.F.R. § 1.97(c), payment in the amount of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is enclosed. The Commissioner is hereby authorized to charge any deficiency in the fees or charge any fee required to keep this application pending to our Deposit Account No. 50-1129.

While the information and references disclosed in this Information Disclosure Statement are submitted pursuant to 37 C.F.R. § 1.56, this submission is not intended to constitute an admission that any patent, publication or other information referred to is "prior art" to this invention. Applicants reserve the right to contest the "prior art" status of any information submitted or asserted against the application.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. This Information Disclosure Statement is in

compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider the listed documents and information.

Dated: June 4, 2003

Respectfully submitted,
WILEY REIN & FIELDING LLP

By: Floyd B. Chapman
Floyd B. Chapman
Registration No. 40,555

WILEY REIN & FIELDING LLP
Attn: Patent Administration
1776 K Street, N.W.
Washington, D.C. 20006
Telephone: 202.719.7000
Facsimile: 202.719.7049

WRFMAIN 12071894.1

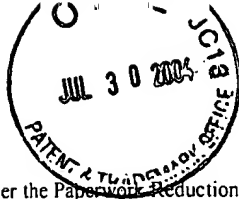


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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application No.	09/657,181
				Filing Date	09/07/2000
				Group Art Unit	2131
				Examiner Name	Unassigned
Sheet	1	Of	3	Attorney Docket No.	80408.0012
U.S. PATENT DOCUMENTS					
Examiner Initials*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	5,903,721	05-11-1999	SIXTUS		
	5,790,677	08-04-1998	FOX et al.		
	5,539,735	07-23-1996	MOSKOWITZ		
	5,687,236	11-11-1997	MOSKOWITZ et al.		
	5,745,569	04-28-1998	MOSKOWITZ et al.		
	5,613,004	03-18-1997	COOPERMAN et al.		
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Country Code	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant in Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	WIPO	96/29795	09-26-1996	MICALI	
	WIPO	97/24833	07-10-1997	MICALI	
OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published				T ¹
	SIRBU, M. et al: "Netbill: An Internet Commerce System Optimized for Network Delivered Services," Digest of Papers of the Computer Society Computer Conference (Spring), 5 March 1995, pp. 20-25, vol. CONF. 40, COMPCON, US, Los Alamitos, IEEE Comp. Soc. Press.				
	SCHUNTER M. et al., "A status report on the SEMPER framework for secure electronic commerce," COMPUTER NETWORKS and ISDN SYSTEMS, 30 September 1998, pp. 1501-1510, vol. 30, no. 16-18, NL, North Holland Publishing, Amsterdam.				
	KONRAD, K. et al., "Trust and electronic commerce-more than a technical problem," Proceedings of the 18 th IEEE Symposium on Reliable Distributed Systems, Proceedings 18 th IEEE Symposium on Reliable Distributed Systems, 19-22 Oct. 1999, pp. 360-365, Lausanne, Switzerland.				
	KINI, A. et al., "Trust in electronic commerce: definition and theoretical considerations," Proceedings of the Thirty-first Hawaii International Conference on System Sciences (Cat. No. 98TB100216), 6-9 January 1998, pp. 51-61, Los Alamitos, CA, USA, IEEE Comput. Soc.				
	STEINAUER D.D. et al., "Trust and traceability in electronic commerce," Standard View, Sept. 1997, pp. 118-124, vol. 5, no. 3, ACM, USA.				
	MOSKOWITZ, Scott, "Bandwidth as Currency," IEEE MultiMedia, January-March 2003, pp. 14-21.				
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant is to place a check mark here if English language Translation is attached.



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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
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			Filing Date	09/07/2000	
			Group Art Unit	2131	
			Examiner Name	Unassigned	
Sheet	2	Of	3	Attorney Docket No.	80408.0012

U.S. PATENT DOCUMENTS

Examiner Initials*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	6,457,058	09-24-2002	ULLUM et al.	
	6,381,618	04-30-2002	JONES et al.	
	2002/0026343	02-28-2002	DUENKE	
	6,230,268	05-08-2001	MIWA et al.	
	6,199,058	03-06-2001	WONG et al.	
	5,920,900	07-06-1999	POOLE et al.	
	5,884,033	03-16-1999	DUVALL et al.	
	5,478,990	12-26-1995	MONTANARI et al.	
	6,078,664	06-20-2000	MOSKOWITZ et al.	
	6,522,767	02-18-2003	MOSKOWITZ et al.	
	6,205,249	03-20-2001	MOSKOWITZ	
	5,905,800	05-18-1999	MOSKOWITZ et al.	
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	5,428,606	06-27-1995	MOSKOWITZ	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Country Code	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant in Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

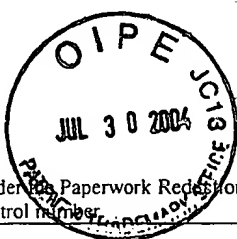
OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published	T ¹

Examiner Signature		Date Considered	
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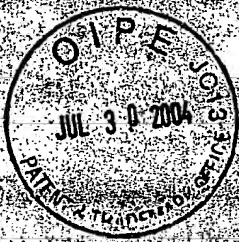
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application No.	09/657,181		
		Filing Date	09/07/2000		
		Group Art Unit	2131		
		Examiner Name	Unassigned		
Sheet	3	Of	3	Attorney Docket No.	80408.0012
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS (continued)					
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published				T ¹
	Pending U.S. patent application serial number 08/999,766, filed 07/23/1997, titled "Steganographic Method and Device," assignee Wistaria Trading, Inc.				
	Pending U.S. patent application serial number 09/456,319, filed 12/08/1999, titled "Transform Implementation of Digital Watermarks," assignee Wistaria Trading, Inc.				
	Pending U.S. patent application serial number 08/674,726, filed 07/02/1996, titled "Exchange Mechanisms for Digital Information Packages with Bandwidth Securitization, Multichannel Digital Watermarks, and Key Management," assignee Wistaria Trading, Inc.				
	Pending U.S. patent application serial number 09/545,589, filed 04/07/2000, titled "Method and System for Digital Watermarking," assignee Wistaria Trading, Inc.				
	Pending U.S. patent application serial number 09/046,627, filed 03/24/1998, titled "Method for Combining Transfer Function with Predetermined Key Creation," inventor: Moskowitz et al.				
	Pending U.S. patent application serial number 09/594,719, filed 06/16/2000, titled "Utilizing Data Reduction in Steganographic and Cryptographic Systems," inventor: Moskowitz et al.				
	Pending U.S. patent application no. 09/731,040, filed 12/7/2000, titled "Systems, Methods and Devices for Trusted Transactions," assignee Blue Spike.				
	Pending U.S. patent application no. 10/049,101, filed 2/8/2002, titled "A Secure Personal Content Server," assignee Blue Spike.				
	Pending U.S. patent application no. 09/657,181, filed 9/7/2000, titled "Method and Device for Monitoring and Analyzing Signals," assignee Blue Spike.				
	Pending U.S. patent application no. 09/671,739, filed 9/29/2000, titled "Method and Device for Monitoring and Analyzing Signals," assignee Blue Spike.				
	Pending U.S. patent application no. 09/956,262, filed 9/20/2001, titled "Improved Security Based on Subliminal and Supraliminal Channels for Data Objects," assignee Blue Spike.				
	Pending U.S. patent application no. 09/731,039, filed 12/7/2000, titled "System and Method for Permitting Open Access to Data Objects and For Securing Data within the Data Objects," assignee Blue Spike.				
	Pending U.S. patent application no. 10/369,344, filed 02/18/2003, titled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data," assignee Wistaria Trading.				
	Pending U.S. patent application no. 09/789,711, filed 2/22/2001, titled "Optimization Methods for the Insertion, Protection and Detection of Digital Watermarks," assignee Wistaria Trading.				
	Pending U.S. patent application no. 09/644,098, filed 8/23/2000, titled "Multiple Transform Utilization and Application for Secure Digital Watermarking," inventor S. Moskowitz.				
	Pending U.S. patent application no. 09/767,733, filed 1/24/2001, titled "Multiple Transform Utilization and Application for Secure Digital Watermarking," inventor S. Moskowitz.				
	Pending U.S. patent application no. 10/417,231, filed 4/17/2003, titled "Method, System and Devices for Packet Watermarking and Efficient Provisioning of Bandwidth," inventor S. Moskowitz.				
	Pending U.S. patent application no. 09/281,279 filed 3/30/99, titled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data," inventor S. Moskowitz.				
Examiner Signature			Date Considered		

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8/02/04

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PATENT

FILED IN PTO ON DATE STAMPED HEREON

Applicant: MOSKOWITZ et al.
Serial No.: 09/657,181
Filing Date: June 4, 2003
Title: Method and Device for Monitoring and Analyzing Signals
Client Matter No.: 80408.0012
Attorney/Secretary: FBC/jsm

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☒ Information Disclosure Statement (3 pages)
- ☒ Substitute 1449 (3 pages) with references



PTO DATE STAMP REQUESTED

IDS w/references

Continuation of: 09/671,739

New Application
number: 10/805,484

Filing
date: 03/22/04

Applicant: Scott MOSKOWITZ et al.

Title: Method and Device for
monitoring and Analyzing
Signals

Docket Number: 80408.0013CONT

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✓ Scott Moskowitz
4/30/04